



Secretariat

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**Committee on the Peaceful
Uses of Outer Space**

**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space**

**Note verbale dated 25 November 2019 from the Permanent
Mission of the United Kingdom of Great Britain and
Northern Ireland to the United Nations (Vienna) addressed
to the Secretary-General**

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration information concerning the space object NSL-1 (see annex I) and additional information concerning the change of location of the space object HYLAS-1 (see annex II).



Annex I

Registration information on a space object launched by the United Kingdom of Great Britain and Northern Ireland*

NSL-1

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2019-038E
Name of space object	NSL-1
North American Aerospace Defense Command Catalogue Number (NORAD ID)	44391
State of registry	United Kingdom of Great Britain and Northern Ireland
Date and territory or location of launch	5 July 2019 at 0541 hours 46 seconds UTC; Vostochny Cosmodrome, Russian Federation
Basic orbital parameters	
Nodal period	96.21 minutes
Inclination	97.7 degrees
Apogee	592 kilometres
Perigee	562 kilometres
General function of space object	Technology demonstration

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator	Clyde Space Ltd
Website	www.clyde.space
Launch vehicle	Soyuz 2.1b Fregat-M

* The information was submitted using the form prepared pursuant to General Assembly resolution [62/101](#) and has been reformatted by the Secretariat.

Annex II

Additional information on a space object registered by the United Kingdom of Great Britain and Northern Ireland*

HYLAS-1

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2010-065A
Name of space object	HYLAS-1
State of registry	United Kingdom of Great Britain and Northern Ireland
Registration document	ST/SG/SER.E/618 ST/SG/SER.E/618/Add.1 ST/SG/SER.E/618/Add.2
Date and territory or location of launch	26 November 2010 at 1839 hours UTC; Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters	
Nodal period	1,440 minutes
Inclination	0.04 degrees
Apogee	35,794 kilometres
Perigee	35,779 kilometres
General function of space object	Communications satellite

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Basic orbital parameters	
Geostationary position	79 degrees West
Change of position of the space object	
Previous orbital position	18 degrees West
New orbital position	79 degrees West (completed 24 October 2019)
Space object owner or operator	Avanti Communications Group PLC
Launch vehicle	Ariane 5

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